3/1/2010

Education & Safety (FINAL)

FOR OFFICE USE ONLY: Version # APP # 700468		FOR OFFICE USE ONLY:	Version #		
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A. Statement of Activity or Product

The Desert Tortoise Research Natural Area (DTNA) lies in the western Mojave Desert on the western edge of the Rand Mountains in eastern Kern County, northeast of California City. The Natural Area has over 39 square miles of prime natural habitat set aside for the desert tortoise, the official California State Reptile, and boasts a rich flora and fauna representative of the intricate western region ecosystem within the Mojave Desert. In the 1970s, the Desert Tortoise Preserve Committee, Inc. (DTPC) was formed to set aside a preserve to protect desert tortoise populations and their habitat in the Fremont Valley and Rand Mountains. The DTPC, a grass-roots organization focused on preserving biodiversity, worked with private organizations and government agencies to establish a place for the tortoises. In 1980, Congress and the U.S. Dept. of the Interior, Bureau of Land Management, recognized the significance of the site by designating it as a Research Natural Area and Area of Critical Environmental Concern.

The Interpretive Center, with parking lot, information kiosk, restroom, and access to self-guiding trails, is located about 5 miles northeast of California City just off the unpaved Randsburg Mojave Road. The information kiosk provides natural history information on the birds, reptiles, mammals, and plants that occur within the Natural Area. This kiosk is now 28 years old, has not been vandalized in spite of thousands of visitors, and is still relevant today. It is a cool place to sit and read about the natural history of tortoise and some of the flora and fauna living in the same habitat. The DTPC would like to construct a new kiosk featuring current information about the desert tortoise, such as the reasons for the state and federal listings as a threatened species, threats (habitat loss, disease, collection by humans, and predation by humansubsidized predators such as ravens, coyotes, and domestic dogs), the current status of the desert tortoise throughout its geographic range, suggestions for recovery, recreating responsibly in desert tortoise habitat, proper actions to take when a desert tortoise is encountered in the wild, and would nuture respect for protected habitat and private property.

The new Interpretive Kiosk will be patterned similarly to the existing kiosk, which has so successfully survived 28 years of desert use and promises to withstand many more years of desert conditions. The covered building and benches provide cool places for people to stand or sit and view the displays. The open aspect allows for views of the southern Sierra Nevada and Tehachapi Mountains. We think placement of the structure would likely be to the north of the existing kiosk, along a nature trail, possibly 1/4 mile from the parking lot.

В. Relation of Proposed Project to OHV Recreation

Each spring the Interpretive Naturalist records information on visitors and visitation at the Desert Tortoise Natural Area (DTNA). A sharp increase in use of the DTNA by OHV recreationists was first noted in 2001. Since that time, although numbers have fluctuated, annually visitation by individuals arriving on OHV has continued to increase. In 2007, 45% of groups and 48% of individuals arrived at the Natural Area on an OHV. In 2008, 36.6% of groups and 46.4% of individuals arrived by OHV. There was 20% increase in the number of visitors arriving by OHV between the spring of 2008 and 2009. In 2009 66.6% of visitors arrived on an OHV! This shows a very direct link between the proposed project at the Natural Area and OHV recreation. Visitors to the DTNA arriving on a variety oo off-roading vehicles including, ATVs, motorcycles, sand rails, and dune buggies.

At this time, well over half of the visitors to the Natural Area are OHV enthusiasts. As OHV recreation is known to have dramatic impacts on desert tortoise habitats it is critical that the Desert Tortoise Preserve Committee takes advantage of this wonderful educational opportunity to teach riders how to responsibly interact with desert tortoises when encountered and about the direct and indirect consequence of irresponsible recreation in the desert. Responsible recreation helps to ensure that legal off-roading routes are kept open for the benefit of responsible riders.

Identification of Needs

As California's population increases, off highway activities and desert recreation will also increase. How OHV vehicles are

Version # Page: 1 of 13 ridden and what riders do in the desert will have an impact on desert tortoises and their habitat. Many scientific studies about the tortoise are underway to gather data about this long-lived creature. However, one certainty is their numbers are declining. According to a report released by the Desert Managers Group (DMG), individuals with high knowledge of the desert tortoise are more aware of the negative consequences humans can have on desert tortoises and are more willing to take responsibility for their actions than those with less knowledge. The DMG also determined that, as knowledge of the desert tortoise increases, individuals are more willing to limit their recreation activities to help protect the desert tortoise. Our intent is to assist OHV users in forming safe and environmentally conscious riding and recreating habits by developing new educational materials. New educational materials are needed at the DTNA to teach riders and other visitors to enjoy, protect, and respect the desert and its inhabitants.

An educated public that appreciates the value of the desert tortoise and understands how human activities and other factors are contributing to its decline is fundamental to a successful recovery effort and adequate habitat conservation. Last year 66.6% of the visitors to the DTNA were OHV enthusiasts. These high rates of visitation support the need for more current information regarding the desert tortoise and the conservation of its habitat. We also hope that increased education in the area will result in a decline in the incidents of vandalism that are directed at the DTNA.

D. Location of Training Services

The services will be conducted at the Desert Tortoise Natural Research Area in Kern County, 5.5 north east of California City, California.

E. OHV Safety, Environmental Responsibility, and Respect Private Property

The interpretive panels featured in the new kiosk will inform visitors about responsible recreation in desert tortoise habitat, how to properly interact with a desert tortoise when encountered in the wild, both the direct and indirect impacts of irresponsible recreation in the desert, and the importance of protecting habitat due to the long recovery time of vegetation in the western Mojave and other southwestern deserts. Taken as a whole, the new kiosk will teach about the inherent values of the desert ecosystem, the importance of responsible recreation, and how respecting legal riding routes and private property will help protect the desert tortoise and keep legal off-roading routes open for responsible recreation. Also, positive interaction with wildlife within the boundaries of the DTNA will help create a more direct link between the wildlife in the desert and the riders themselves, fostering conservation-minded recreation.

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Additional Documentation

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Optional Project-Specific Application Documents Attachments:

Education and Safety Project Specific Photos

2 Optional Project-specific Maps Attachments:

Education Specific Maps Interpretive Kiosk Location

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Project Cost Estimate

		FOR OFFICE USE ONLY:	Version # _			APP #		
APPLI	CANT NAME :	Desert Tortoise Preserve Committee, Inc.						
PROJI	ECT TITLE :	Education & Safety (FINAL)				PROJECT NUMB (Division use on)1
PROJI	ECT TYPE :	☐ Acquisition ☐	Development		Educati	on & Safety	☐ Ground Op	erations
		Law Enforcement	Planning		Restora	ation		
PROJECT DESCRIPTION		The Desert Tortoise Research Natural Arenortheast of California City. The Natural A Reptile, and boasts a rich flora and fauna r Tortoise Preserve Committee, Inc. (DTPC) and Rand Mountains. The DTPC, a grassagencies to establish a place for the tortois significance of the site by designating it as The Interpretive Center, with parking lot, in just off the unpaved Randsburg Mojave Roccur within the Natural Area. This kiosk is cool place to sit and read about the natural a new kiosk featuring current information a (habitat loss, disease, collection by human of the desert tortoise throughout its geogra when a desert tortoise is encountered in the The new Interpretive Kiosk will be patterne withstand many more years of desert cond The open aspect allows for views of the so north of the existing kiosk, along a nature to	rea has over 3 representative of was formed to roots organizates. In 1980, Ca Research National The information kiosload. The information value of the deserging and predation phic range, supplied wild, and world similarly to the litions. The country of torroot outhern Sierra National Research 1981.	9 square miles of portine intricate west of set aside a presention focused on presention focused on presention focused on presention and Area and Some of the tortoise, such as the by human-subsice and some of the tortoise, such as the by human-subsice and substant and su	rime natural had been region economic to protect disserving biodivers. Dept. of the case of Critical Errors to self-gues natural history and alized in self-gues and faus he reasons for dized predators ery, recreating for protected had been ches providually mountains.	abitat set aside for the system within the Mosesert tortoise popula ersity, worked with prediction and invironmental Concernition of the system of thousands of the state and federal such as ravens, coy responsibly in desertability and private processfully survived 2 de cool places for persecrit the state and private processfully survived 2 de cool places for persecrit the state and private processfully survived 2 de cool places for persecrit tortoise within the same and the state and private processfully survived 2 de cool places for persecrit tortoise popular the state and private processfully survived 2 de cool places for persecrit tortoise popular the state and t	e desert tortoise, the opave Desert. In the 1 tions and their habitat rivate organizations and Land Management, red about 5 miles northed birds, reptiles, mamm visitors, and is still rele habitat. The DTPC was allistings as a threaten yotes, and domestic dot tortoise habitat, property.	fficial California State 970s, the Desert in the Fremont Valley d government cognized the ast of California City hals, and plants that evant today. It is a rould like to construct ed species, threats egs), the current status er actions to take and promises to I view the displays.
	Line Item		Qty	Rate	UOM	Grant Request	Match	Total
DIRECT EXPENSES								
Progra	am Expenses							
1	Staff							
	Other-Intepretive Natu Notes : The Interpetiv	uralist e Naturalist is partially funded by the	1.000	10000.000	YR	0.00	10,000.00	10,000.00

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Project Cost Estimate for Grants and Cooperative Agreements Program - 2009/2010 Agency: Desert Tortoise Preserve Committee, Inc. Application: Education & Safety (FINAL)

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Ridgecrest Field Office Bureau of Land Management Challenge Cost Share Programand staff an Interpretive Naturalist at the Desert Tortoise Natural Area every spring.						
	Administration Officer Notes : Planning and Coordination of Project	120.000	25.000	HRS	0.00	3,000.00	3,000.00
	Other-Tortoise Monitor Notes : Desert Tortoise Monitor During Project	7.000	300.000	DAY	0.00	2,100.00	2,100.00
	Total for Staff				0.00	15,100.00	15,100.00
2	Contracts						
	Construction Notes: The price includes labo and materials for engineering, foundations, footings, and reinforcing steel frame and roof, interpretive panel displays, finish grade and clean-up.	1.000	108360.000	SET	108,360.00	0.00	108,360.00
	Other-Panel Content Notes: Design of text for intepretive panels	80.000	50.000	HRS	0.00	4,000.00	4,000.00
	Other-Panel Art Notes: Design of art for interpretive panels	180.000	60.000	HRS	0.00	10,800.00	10,800.00
	Total for Contracts			•	108,360.00	14,800.00	123,160.00
3	Materials / Supplies						
4	Equipment Use Expenses						
5	Equipment Purchases						
6	Others						
7	Indirect Costs						
	Indirect Costs-Unforseen Expenditures Notes: The amount is less that the 10% permitted by the granting agency and will be covered by the DTPC for unexpected cost that	1.000	10000.000	SET	0.00	10,000.00	10,000.00

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Project Cost Estimate for Grants and Cooperative Agreements Program - 2009/2010 Agency: Desert Tortoise Preserve Committee, Inc. Application: Education & Safety (FINAL)

	Line Item	Qty	Rate	иом	Grant Request	Match	Total
	may arise durig the project.						
Total F	Program Expenses				108,360.00	39,900.00	148,260.00
TOTAL DIRECT EXPENSES					108,360.00	39,900.00	148,260.00
TOTAL	EXPENDITURES	108,360.00	39,900.00	148,260.00			

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Project Cost Summary for Grants and Cooperative Agreements Program - 2009/2010 Agency: Desert Tortoise Preserve Committee, Inc. Application: Education & Safety (FINAL)

	Line Item	Grant Request	Match	Total	Narrative			
DIRE	IRECT EXPENSES							
Prog	gram Expenses							
1	Staff	0.00	15,100.00	15,100.00				
2	Contracts	108,360.00	14,800.00	123,160.00				
3	Materials / Supplies	0.00	0.00	0.00				
4	Equipment Use Expenses	0.00	0.00	0.00				
5	Equipment Purchases	0.00	0.00	0.00				
6	Others	0.00	0.00	0.00				
7	Indirect Costs	0.00	10,000.00	10,000.00				
Tota	l Program Expenses	108,360.00	39,900.00	148,260.00				
тот	AL DIRECT EXPENSES	108,360.00	39,900.00	148,260.00				
TOTAL EXPENDITURES		108,360.00	39,900.00	148,260.00				

Environmental Review Data Sheet (ERDS)

		FOR OFFICE USE ONLY:	Version #	APP # 700468				
ı	ITEM 1 and I	ITEM 2						
	ITEM 1							
a.		as a CEQA Notice of Determina ect Yes or No)	ation (NOD) been file	d for the Project?	C	Yes	•	No
	ITEM 2							
b.	document p	roposed Project include a reque preparation prior to implementin ed Project pursuant to Section 4	g the remaining Proj	ect Deliverables (i.e., is it	C	Yes	•	No
ı	ITEM 3 - Pro	ject under CEQA Guidelines	Section 15378					
C.		re the proposed activities a "Pro ect Yes or No)	ject" under CEQA G	uidelines Section 15378?	•	Yes	С	No
d.	and ensure	ation is requesting funds solely to public safety. These activities were thus not a "Project" until and are thus not a "Project" until and a "Project" until and a "Project" until a "Proj	would not cause any	physical impacts on the	C	Yes	C	No
e.	Other, Expl	lain why proposed activities wou	uld not cause any ph	vsical impacts on the envir	onn	nent and	are	thus not

ITEM 4 - Impact of this Project on Wetlands

a "Project" under CEQA. DO NOT complete ITEMS 4 - 10

This project would have no effect on wetlands or navigable water because there are no wetlands or navigable waters in the project area.

The project would not have a negative impact sensitive habitats or species. The project would have a positive impact on sensitive desert habitats and will function to protect several threatened species and species of special concern, most specifically the state and federally protected desert tortoise and the threatened Mohave ground squirrel. By educating the off-roading community about continuing population declines in the aforementioned species, the current threats to the species, and appropriate interactions with protected species, if funded this projects has the unique opportunity to forge a link with the off-roading community for an overall positive effect for sensitive species and the habitats they occupy.

ITEM 5 - Cumulative Impacts of this Project

After construction is comepleted there will be no associated cumulative impacts from this Project in the same general place, such as increased traffic or noise.

ITEM 6 - Soil Impacts

The project will not have a significant effect on the environment due to substantial soil erosion or the loss of topsoil. The only soil disturbance will occur during the construction period. After construction is completed the area will only be subjected to foot traffic.

ITEM 7 - Damage to Scenic Resources

The project will not damage scenic resources within the viewshed of officially designnated as a state scenic highway because it will not be visible from said highways.

ITEM 8 - Hazardous Materials

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Environmental Review Data Sheet (ERDS) for Grants and Cooperative Agreements Program - 2009/2010
Applicant: Desert Tortoise Preserve Committee, Inc.
Application: Education & Safety (FINAL)

Is the proposed Project Area located on a site included on any list compiled pursuant to	C Yes	No
Section 65962.5 of the California Government Code (hazardous materials)? (Please		
select Yes or No)		

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

ITEM 9 - Potential for Adverse Impacts to Historical or Cultural Resources

Would the proposed Project have potential for any substantial adverse impacts to Yes No historical or cultural resources? (Please select Yes or No)

Discuss the potential for the proposed Project to have any substantial adverse impacts to historical or cultural resources.

There are no historical or cultural resources within the proposed are for construction.

ITEM 10 - Indirect Significant Impacts

The Project has little potential to cause indirect significant impacts. The new kiosk would function to increase visitation to the DTNA rather than encouraging groups to go elsewhere. Although visitation would increase, the numbers would not fluctuate dramatically enough to cause significant impacts to surrounding facilities. The target audience would be made up off riders already recreating in the area.

CEQA/NEPA Attachment

Attachments: Interpretive Kiosk EIR

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Science Foundation

		FOR OFFICE USE ONLY:	Version #	APP # 700468						
1.		Evaluation Criteria - Q 1.								
		The Applicant is applying for the following type of Project: (Check the one most appropriate.) (Please select one from list)								
			Education – Applicants shall only respond to items 1, 2, 4, 5, 6, 7, 8, 9, 10 and 11 Safety – Applicants shall only respond to items 1, 2, 4, 5, 6 ,12, 13, 14, and 15							
	1.	As calculated on the Project Cost Estimate, the percentage of the cost of the Project covered by the Applicant is 3								
		(Note: This field will auto-populate once tone from list)	the Cost Estimate ar	nd Evaluation Criteria are Validated.) (Please select						
		76% or more (10 points)		51% - 75% (5 points)						
		© 26% - 50% (3 points)	c	25% (Match minimum) (No points)						
2.		Evaluation Criteria - Q 2.								
	2.	For Applicant's OHV Grant Projects which reached the end of the Project performance period within the last two years, the percentage of all deliverables accomplished 0								
		(Check the one most appropriate) (Please select one from list)								
		100% of Deliverable accomplished (5 points)75% to 99% of Deliverables accomplished (3 points)								
		• Less than 75% of Deliverables accom		(2)						
				Grant projects within the last two years (2 points)						
3.		Evaluation Criteria - Q 3. (FOR DIVISION	N USE ONLY)							
	3.	Previous Year Performance								
		(FOR DIVISION USE ONLY) (Check the	one most appropria	te) (Please select one from list)						
		In the previous year the Applicant h OHMVR Grant Administrator by pho	•	and communicated effectively with the assigned nal visit (3 points)						
		First time Applicants and past Applicants with no active Grant projects within the last two years (2 points)								
		In the previous year the Applicant h	nas not been respon	sive (No points)						
4.		Evaluation Criteria - Q 4.								
	4.	The Project will utilize partnerships to su organizations that will participate in the F	•	sh the Project. The number of partner						
		(Check the one most appropriate.) (Plea	se select one from I	ist)						
		4 or more (4 points)		2 to 3 (2 points)						
		C 1 (1 point)	c	None (No points)						
		List partner organization(s)								
				d Management Ridgecrest Field Office, California Art, Tucson Herpetological Society, and the Chelonian						

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5. Evaluation Criteria - Q 5.

6.

5.	The Project addresses the following types of OHV Recreation 5						
	(Check all that apply.) Scoring: 1 point each (Please select applicable values)						
	✓ ATV ✓ 4X4						
	☑ M.C.	Recreation Utility Vehicle (RUV)					
	☐ Snowmobile	✓ Dune buggy, rail					
	☐ Other (Specify)						
ı	Evaluation Criteria - Q 6.						
6.	The Project was developed with public input employing t	he following 2					
	(Check all that apply) Scoring: 1 point each, up to a maxi	mum of 2 points (Please select applicable values)					
	Publicly noticed meeting(s) with the general public t	o discuss Project (1 point)					
	Conference call(s) with interested parties (1 point)						
	✓ Meeting(s) with stakeholders (1 point)						

The Education project was discussed with the general public at two publicly noticed meeting. The first was the Desert Tortoise Preserve Committee's (DTPC) Annual Meeting held in Palmdale, California in January 2010. The second meeting was the Desert Tortoise Council Symposia held in Ontario, California in February 2010.

Conference calls were held with interested parties, including listed partners Tim Shields Art and individuals from the Chelonian Science Foundation, and the Tucson Herpetological Society who will be developing the interpretive panels for the new kiosk.

The DTPC met seperately with the Bureau of Land Management Ridgecrest Field Office and Tim Shields of Tim Shields Art in June 2009 to begin discussion of the education project. Since then meetings with these stakeholders have been held via conference call.

7. Evaluation Criteria - Q 7. (Education Project ONLY)

Explain each statement that was checked

7. The Project incorporates the following, clearly identifiable and/or measurable, elements 10

(Check all that apply) (Please select applicable values)

☑ Process of researching issues and audience (2 points)

Objectives (2 points)

▼ Testing process to ensure actions are effective (2 points)

Plan to implement the Project (2 points)

☑ Evaluation and feedback of the process (2 points)

Explain each statement that was checked

The DTPC, with support from the BLM, staffs an interpretive naturalist at the DTNA. The naturalist takes detailed notes on visitor behavior and attempts to interact with each visitor entering the DTNA. Detailed demographic information about each visitor is recorded allowing the DTPC to research the project's audience.

The objective is to provide updated information on the current plight of the desert tortoise and recent population declines, recreating responsibly in desert tortoise habitat, and proper actions to take when a desert tortoise is encountered in the wild. A survey will be given to visitors after kiosk installation asking if individuals visited the new kiosk, if they read the educational panels at the kiosk, and if the found the informative. Individuals will also be given a brief quiz to test their knowledge. This suvey will allow the DTPC to test the effectiveness of this project. The plan to implement the Project are clearly identified in the Project description.

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ð.		Evaluation Criteria - Q 8. (Education Project ONLY)	
	8.	Total number of times individuals are exposed to the mes	sage 4
		(Check the one most appropriate.) (Please select one from	m list)
		Greater than 10,000 (4 points)	1,000 to 10,000 (3 points)
		C 100 to 1,000 (2 points)	© 20 to 100 (1 point)
		© 0 to 20 (No points)	
		Explain checked statement:	
		Based on current visitation statistics approximately 1,200 each year can be used to gague the number of visitors th will endure for a minimum of 25-30 years. By extrapolating materials will be viewed by 30,000 visitors over the shore	at will visit the kiosk each year. The kiosk is a project that any visitation data over 25 years the new educational
9.	ı	Evaluation Criteria - Q 9. (Education Project ONLY)	
	9.	Total time a participant will have exposure to the Project's	message or training 2
		(Check the one item of highest point value that applies.) (Please select one from list)
		Greater than 2 hours (4 points)	
		1 hour to 2 hours (3 points)	
		5 minutes to less than 1 hour (2 points)	
		1 minute to less than 5 minutes (A Project for maps	will fall under this category) (1 point)
		C Less than 1 minute (No points)	
10.	ı	Evaluation Criteria - Q 10. (Education Project ONLY)	
	10.	The Project will utilize the following methods of education	12
		(Check all that apply) Scoring: 2 point each up to a maxim	um of 14 points (Please select applicable values)
		☐ Hands on training	☐ Tool kits
			▽ Events
		☐ Internet messaging/CDs	
		Advertising	▽ Radio/TV
			☐ Other (Specify)
		☐ Public relations/media	
		Explain each statement that was checked	
		Hand outs will be made available directing visitors to the kiosk. The kiosk will be advertised on the DTPC website, newspapers. The DTPC will hold a ribbon cutting ceremore event. Additionally the community in and around the DTN visitors or volunteers. Signs will be used to notify visitors	at public meetings, on local radio, and in local only for the kiosk and the community will be invited to the IA are very involved in activities in the area either as
11.	ı	Evaluation Criteria - Q 11. (Education Project ONLY)	
	11.	The Project provides direct support for delivery of ATV Sa Foundation training 0	fety Institute and/or Motorcycle Safety
		(Check the one most appropriate.) (Please select one from	m list)
		No (No points)	Yes (2 points)
		Explain 'Yes' response	

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12. Evaluation Criteria - Q 12. & 13. (Safety Project ONL))
12. The Project will utilize personnel trained to the following	level
(Check the one most appropriate.) (Please select one fr	rom list)
 Emergency Medical Technician level, or higher (5 points) 	First Responder level (2 points)
First Aid and CPR (1 points)	No training (No points)
13. The Project will provide search and rescue as follows	
(Check the one most appropriate) (Please select one from	om list)
24 hours, 7 days per week (5 points)	C Less than 24 hours, 7 days per week (4 points)
C Less than 24 hours, less than 7 days per week (2 points)	C On special occasions/events only (No points)
13. Evaluation Criteria - Q 14. (Safety Project ONLY)	
14. The Project will have the majority of personnel trained in	n the following areas
(Check all that apply) Scoring: 2 points each up to a max	ximum of 16 points (Please select applicable values)
Radio communication	☐ Tracking skills
☐ Avalanche rescue	Navigation training
☐ Swift water rescue	ATV certification
☐ Dog handling	Motorcycle certification
☐ Rope skills	4 x 4/Off-Road training
☐ Wilderness search and rescue	Cther (Specify)
14. Evaluation Criteria - Q 15. (Safety Project ONLY)	
15. The Project will have resources that are equipped and to conditions*	rained for rescue in the following environmental
(Check all that apply) (Please select applicable values)	
□ Type 1 – Extreme Condition (including but not limit Desert, Heat, Heavy ground cover, Steep difficult to	
☐ Type 2 – Rugged Terrain. Rugged conditions, Altit Moderate to heavy ground cover. (2 points)	tude (generally under 7000 feet), Heat, Cold concerns,
☐ Type 3 – Moderate/Gentle Terrain. Gently rolling to Agricultural areas. (2 points)	errain, Open spaces, Maintained trailheads, and
☐ Type 4 – Urban. High traffic, Urban office complex (2 points)	tes, man-made surfaces, Public interaction and Park trails.
* From the Governor's Office of Emergency Services Highway Vehicles	s – Mutual Aid Guidelines, Search and Rescue, Off-

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